

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. <b>PS0336</b>	SERIAL NO. <b>53381</b> To be assigned
	APPLICANT Rolf Servin, et.al.	
	FILING DATE To be assigned	GROUP To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/LMA/	4,685,106	08-1987	Miller, et.al.			
↓	5,189,370	02-1993	Kolem, et.al.			
↓	2001/0041834	11-2001	Mugler, et.al.			
↓	2002/0006382	01-2002	Driehuys, et.al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
/LMA/	00/40988	07-2000	WO				
↓	01/96895	12-2001	WO				
↓	01/067955	09-2001	WO				
↓	2004/011899	02-2004	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
/LMA/	Bajaj, V.S., et.al. "Dynamic Nuclear Polarization at 9T Using a Novel 250Ghz Gytron Microwave Source" Journal of Magnetic Resonance, Academic Press, Orlando, FL, vol 160, no. 2 Feb. 2003, pages 85-90
/LMA/	Wind, R.A. et.al., "Solid Materials Research with NMR and Dynamic Nuclear Polarization Spectroscopy" Advance in Chemistry Series, American Chemical Society, Washington, DC, vol. 229, 1993 pages 45-63
/LMA/	Lycon, CE, et.al., "Two-dimensional 15N-1H Photo-DICNP as a Surface Probe of Native and Partially Structured Proteins" Journal of American Chemical Society, American Chemical Society, Washington, DC, vol. 121, 1999 pages 6505-6506
/LMA/	Zhao, L., et.al. "Hyperpolarized 129Xe T2 and Diffusion Measurements for Fast Spin-Echo MRI" Proceedings of the International Society for Magnetic Resonance in Medicine, 6yh Scientific Meeting and Exhibition, Sydney, Australia, 18-24 April 1998, page 451
/LMA/	Sobering, GS, et.al., "Optimization of Acquisition Parameters for Multi-Shot Hyper-Polarized NMR: Variable Flip Angle Excitation" Proceedings of the Society of magnetic Resonance 3 <sup>rd</sup> . Scientific Meeting and Exhibition and the European Society for Magnetic Resonance in medicine and Biology 12 <sup>th</sup> . Annual Meeting and Exhibition (Held Jointl), Nice, Aug. 19-25, 1995 page 687

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JUL 2005

OCT 2005

Sheet 2 of 2

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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
PS0336SERIAL NO. 10553381  
To be assignedINFORMATION DISCLOSURE  
STATEMENT BY APPLICANTAPPLICANT  
Rolf Servin, et.al.FILING DATE  
To be assignedGROUP  
To be assigned

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
/LMA/	Frydman, L., et.al., "Non-Cartesian Sampling schemes and the Acquisition of 2D NMR Correlation Spectra from Single-Scan Experiments" Chemical Physics Letters, vol. 220, 1994 pages 371-377
↓	Int'l Search Report and Written opinion for PCT/EP2004/003864 dated 08-2004
↓	Int'l Preliminary Examination Report for PCT/EP2004/003864 dated 03-2005
↓	GB 0308586.7 Search Report dated 01-2004

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